

TERESA VANESSA FIORENTINO

Curriculum professionale

Part I – General Information

Full Name	Teresa Vanessa Fiorentino
Spoken Languages	Italian (mother tongue); English (second language)

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2008	University “Magna Graecia” of Catanzaro	Medical Degree with honors “summa cum laude”
Post-graduate studies	2011	University of Milan, Luigi Sacco Hospital	Course “L’ecografia al letto del paziente”
Post-graduate studies	2012	University of Texas Health Science Center at San Antonio (UTHSCSA), Texas, USA	Post-doctoral fellowship. Experience: Clinical and molecular research activities focused on insulin resistance related disorders
Specialty	2014	University “Magna Graecia” of Catanzaro	Internal Medicine (full marks with honor)
Post-graduate studies	2015	Italian Society of Ultrasound in Medicine and Biology/ Società Italiana in Ultrasonologia in Medicina e Biologia (SIUMB)	Graduation in “Ecografia Clinica”
PhD	2018	University “Magna Graecia” of Catanzaro	Doctorate in Biomarkers of Chronic and Complex Diseases, Curriculum: Molecular Aspects and Pathophysiology of Chronic Degenerative and Inflammatory Diseases Experience: Translational research studies aimed to understand the pathogenesis of cardiometabolic diseases such as type 2 diabetes, cardiovascular disease and fatty liver disease
Post-graduate studies	2018	University “Magna Graecia” of Catanzaro	Post Doc Position in Internal Medicine. Project title: Role of 1h post-load glucose levels measurement in the prevention of type 2 diabetes
Licensure/ Scientific National Academic Eligibility (ASN)	2017	Italian Ministry of Education University and Research, Italy	Eligible as Associate Professor in scientific sector 06/B1, Internal Medicine (MED/09) - Validity from 31/07/2017 to 31/07/2023 (art. 16, comma 1, Law 240/10)

Licensure/ Scientific National Academic Eligibility (ASN)	2022	Italian Ministry of Education University and Research, Italy	Eligible as Full Professor in scientific sector 06/B1, Internal Medicine (MED/09) - Validity from 06/06/2022 to 06/06/2033 (art. 16, comma 1, Law 240/10)
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Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
January 2012	January 2013	University of Texas Health Science Center at San Antonio (UTHSCSA), Texas, USA	Post-doctoral fellow at the Diabetes Division, directed by Prof. R.A. DeFronzo, Medicine Department.
July 2018	December 2018	University “Magna Graecia” of Catanzaro	Post Doc in Internal Medicine. Project title: Role of 1h post-load glucose levels measurement in the prevention of type 2 diabetes
December 2018	December 2021	University “Magna Graecia” of Catanzaro	University Researcher-Assistant professor (Ricercatore tempo determinate tipo B, RTDB, art. 24 L.240/10) in Internal Medicine, MED/09
December 2021	To present	University “Magna Graecia” of Catanzaro	Associate Professor in Internal Medicine, MED/09
2019	To Present	University “Magna Graecia” of Catanzaro	Faculty Member of the Residency Program in Internal Medicine, Geriatrics, Cardiology, Nephrology, and Emergency Medicine (from 2024 to present).
2019	To present	University “Magna Graecia” of Catanzaro	Faculty Member of the PhD Program in Biomarkers of Chronic and Complex Diseases
2022	To present	University “Magna Graecia” of Catanzaro	ERASMUS Program Departmental Referent in Dietetics Degree Course
2023	To present	University “Magna Graecia” of Catanzaro	Faculty Member of the PhD Program in Medical, Preventive, and Nutritional Sciences for Health and Longevity
2023	To present	University “Magna Graecia” of Catanzaro	Member of Departmental Laboratory of Precision Medicine, Department of Surgical and Medical Sciences
May 2024	To present	University “Magna Graecia” of Catanzaro	Member of Assicurazione Qualità Group of Medicine and Surgery Degree School

IIIB – Other Appointments

Start	End	Institution	Position
Clinical Assistance Commitments			
2015	2018	Azienda Ospedaliero-Universitaria Mater Domini of Catanzaro	Physician at Internal Medicine Unit (inpatient/outpatient care activities) as PhD fellow with clinical commitments
July 2018	December 2018	Azienda Ospedaliero-Universitaria Mater Domini of Catanzaro	Physician at Internal Medicine Unit (inpatient/outpatient care activities) as Post Doc in Internal Medicine with clinical commitments
July 2019	To Present	Azienda Ospedaliero-Universitaria Renato Dulbecco (ex Mater Domini) of Catanzaro	University Physician at Internal Medicine Unit (inpatient/outpatient care activities)
Institutional Roles in Scientific Societies			
2016	2021	Italian Society of Diabetology (SID)	Member of editorial board “Journal Club” of Italian Society of Diabetology (SID), Topic: Molecular aspects in the pathogenesis of type 2 diabetes”
2018	2022	Italian Society of Diabetology (SID)	Member of Scientific Committee of Italian Society of Diabetology (SID)
2021	To present	Italian Society of Internal Medicine (SIMI)	Member of Divulgazione/Informazione Multimediale Committee of Italian Society of Internal Medicine (SIMI)
Faculty member of National and International Meetings			
13/04/2013		Annual Regional Meeting of Italian Society of Internal Medicine (SIMI), Calabria Session, 12-13 th April 2013, Catanzaro	Invited speaker “Chetoacidosi Diabetica”
11/04/2014		Annual Regional Meeting of Italian Society of Internal Medicine (SIMI), Calabria Session, 11-12 April 2014, Catanzaro	Invited speaker “I trasportatori intestinali del glucosio: dalla fisiopatologia alla clinica”
29/10/2015		Parma Diabete Meeting of Italian Society of Diabetology (SID), X edition, 29-31 October 2015, Parma	Invited speaker “Link tra iperglicemia, insulino-resistenza e disfunzione endoteliale”
12/10/2015		116 th Annual National Meeting of Italian Society of Internal Medicine (SIMI), 10-12 October 2015, Rome	Invited speaker “Ruolo dei trasportatori intestinali del glucosio nell’alterazione della tolleranza glucidica”, Session: Premi di Ricerca 2015
15/10/2016		117 th Annual National Meeting of Italian Society of Internal Medicine (SIMI), 14-16 October 2016, Rome	Invited speaker “Ruolo dei trasportatori intestinali del glucosio nell’alterazione della tolleranza glucidica”, Session: Resoconto Premi di Ricerca 2015

8/04/2017		Annual Regional Meeting of Italian Society of Internal Medicine (SIMI), Calabria Session, 7-8 April 2017, Catanzaro	Invited Discussant, Session “Giovani Internisti GIS”
16/05/2018	19/05/2018	27 th National Meeting of Italian Society of Diabetology (SID), 16-19 th May 2018, Rimini	Meeting co-organizer and Chairperson of Oral Presentation Session “Infiammazione e stress ossidativo”
08/03/2019	13/03/2019	Panorama Diabete Forum Multidisciplinare e Multidimensionale Meeting of Italian Society of Diabetologia (SID), 8-13 th March 2019, Riccione	Meeting co-organizer and Chairperson of “Targets emergenti nella cura del diabete” Session (02/12/2020)
15/10/2019		“Il corss talk cuore-rene Fisiopatologia e Aspetti Clinici” Meeting of Italian Society of Diabetology (SID), 15 th October 2019, Milan	Invited speaker “Presentazione di un caso clinico esemplificativo”
09/11/2019		Local Meeting of Italian Society of Diabetology (SID) “Gestione del rischio globale del diabetico di tipo 2: un ruolo per i DPP4?” 9 th November 2019, Milan	Invited speaker “Caso Clinico: Personalizzazione della terapia e approcci terapeutici”
02/12/2020	05/12/2020	28 th National Meeting of Italian Society of Diabetology (SID), 02-05 th December 2020, Rimini	Meeting co-organizer and Chairperson of “Regolazione del Metabolismo Energetico” Session (02/12/2020) Chairperson of Oral Presentation Session “NAFLD: Aspetti fisiopatologici” (04/12/2020)
17/09/2021		Annual Regional Meeting of Italian Society of Internal Medicine (SIMI), Calabria Session, 16-17 September 2021, Catanzaro	Invited speaker “NAFLD: una patologia sistemica?”
27/11/2021	30/11/2021	Panorama Diabete Forum Multidisciplinare e Multidimensionale Meeting of Italian Society of Diabetologia (SID), 27-30 th November 2021, Riccione	Meeting co-organizer and Chairperson of “Il Diabete e la medicina di genere” Session
26/10/2022	29/10/22	29 th National Meeting of Italian Society of Diabetology (SID), 26-29 th October 2022, Rimini	Meeting co-organizer and Invited speaker “Ormoni intestinali non incretinici” (27/10/2022) Chairperson of Poster Session “Fisiopatologia” (28/10/2022)
20/06/2022		FAD course “CO-AGONISTI RECETTORIALI GIP/GLP-1: EVOLUZIONE RAPIDA E PROMETTENTE DEL TRATTAMENTO DEL DIABETE TIPO 2 of Italian Society of	Invited Speaker “Cosa fa il GIP?”

		Diabetology (SID). 20 th June 2022	
24/06/2022		Parma Diabete Meeting of Italian Society of Diabetology (SID), XIII Edition, 23-24 th June 2022, Parma	Chairperson of “Diabete e Complicanze l’importanza di essere plastici” Session
10/06/2023		Local meeting “DIAVision The new focus on diabetes treatment” of DAFNE meeting, 10 th June 2023, Catanzaro	Invited Speaker “Il ruolo degli SGLT2i nel paziente diabetico tipo 2 di recente diagnosi”
22/10/2023		124 th Annual National Meeting of Italian Society of Internal Medicine (SIMI), 20-22 October 2023, Rimini	Invited speaker “La disfunzione della barriera intestinale nell’omeostasi glucidica”
8/03/2024		G. META OPEN FORUM "Al Cuore del Diabete" Meeting, 8-9th March 2024, Rome	Invited Discussant
05/04/2024		Local meeting “DIABETE MONOGENICO: CONOSCERE PER DIAGNOSTICARE E TRATTARE” of Italian Society of Diabetology (SID), 5th April 2024, Catanzaro	Invited speaker “Utilizzo di SGLT-2 inibitori e GLP-1 agonisti nel Diabete Monogenico”
13/09/2024		60 th European Association for the study of Diabetes (EASD) Annual Meeting 9-13 September 2024, Madrid	Chairperson of Oral Presentation Session “New factors in the control of glucose tolerance”
12/10/2024		125 th Annual National Meeting of Italian Society of Internal Medicine (SIMI), 11-13 October 2023, Rimini	Chairperson of Oral Presentation Session and Lecture Titled “Attualità e Nuovi orizzonti nella terapia della diabetità: il ruolo dei duplici agonisti dei recettori di GLP-1 e GIP”
Editorial Activities			
2018	2020	Italian Society of Diabetology (SID)	Member of Editorial Board of SID Journal “Il Diabete”
2020	To Present	Nutrition, Metabolism and Cardiovascular Diseases Journal	Member of the Editorial Board
2020	2021	Nutrients Journal	Guest Editor for the Special Issue “The Implication of Intermittent Fasting on Health and Diseases”
2022	2023	Frontiers in Cardiovascular Medicine journal	Guest Associate Editor for the Special Issue “Cardiac Energetic Efficiency and Cardiometabolic Diseases”
2023	To Present	Frontiers in Clinical Diabetes and Healthcare journal	Associate Editor of Diabetes Inequalities Section
2018	To present	Web of Science/Publons	Reviewer for the following peer-review journals: Nature Communications, Journal of Clinical Endocrinology and Metabolism, Endocrine, Cardiovascular Diabetology, Metabolism, Frontiers, Annals of Medicine, Diabetes Research and Clinical Practice, Scientific Reports, Acta Diabetologica, Nutrition Metabolism and Cardiovascular Diseases, PlosOne, Internal and

		Emergency Medicine, Diabetes BMJ Open Diabetes Research and Care, Diabetology & Metabolic Syndrome, European Journal of Clinical Investigation.
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Part IV – Teaching experience

Year	Institution	Lecture/Course
2019-to present	University “Magna Graecia” of Catanzaro, Medical and Surgical Degree Course	Internal Medicine Course (clinica medica) 1 CFU
2020-2023	University “Magna Graecia” of Catanzaro, Medical and Surgical Degree Course	Internal Medicine Lectures in Medical and surgical emergencies Course (0.5 CFU)
2019-to present	University “Magna Graecia” of Catanzaro, Dentistry Degree Course	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2019-to 2024	University “Magna Graecia” of Catanzaro, Nursing Degree Course	Internal Medicine Lectures in Evidence based Medicine course (1 CFU)
2019-to present	University “Magna Graecia” of Catanzaro, Physiotherapy Degree Course	Internal Medicine Lectures in Rehabilitative clinic of motor disability Course (1 CFU)
2021-to present	University “Magna Graecia” of Catanzaro, Motor and Sport Sciences Degree Course	Internal Medicine Lectures in Medical sciences applied in the Sport Course (2 CFU)
2019-2022	University “Magna Graecia” of Catanzaro, Degree Course in Dietetics	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2020-2022	University “Magna Graecia” of Catanzaro, Degree Course in Speech and Language Therapy	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2022-to present	University “Magna Graecia” of Catanzaro, Degree Course in Biomedical Laboratory Techniques	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2022-to present	University “Magna Graecia” of Catanzaro, Degree Course in Environment and Workplace Prevention Techniques	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2022-to present	University “Magna Graecia” of Catanzaro, Degree Course in Dental hygiene	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2020-to present	University “Magna Graecia” of Catanzaro, Degree Course in Techniques in Medical Radiology	Internal Medicine Lectures in Medical and surgical sciences Course (1 CFU)
2020-to present	University “Magna Graecia” of Catanzaro, Degree Course in Neurophysiopathology techniques	Internal Medicine Lectures in Medical and Surgical sciences Course (1 CFU)
2020-to present	University “Magna Graecia” of Catanzaro, Degree Course in Cardiocirculatory and Cardiovascular Perfusion Techniques	Internal Medicine Lectures in Medical and Surgical sciences Course (1 CFU)
2020-to	University “Magna Graecia” of	Internal Medicine Lectures in Specialistic EBM

present	Catanzaro, Second cycle Degree Course in Nursing and Midwifery Sciences	Course (1.5 CFU)
2024	University “Magna Graecia” of Catanzaro, Second cycle Degree Course in Nursing and Midwifery Sciences	Internal Medicine Lectures in “Primo Soccorso” Course (1 CFU)
2020-2022	University “Magna Graecia” of Catanzaro, Second cycle Degree Course in Cognitive Psychology and Neuroscience	Internal Medicine Lectures in Psychosomatic medicine and brain imaging Course (2 CFU)
2018-2019	University “Magna Graecia” of Catanzaro, PhD Program in Biomarkers of Chronic and Complex Diseases	Course titled “Il Diabete tra laboratorio di analisi e laboratorio di ricerca” (2CFU)
2020-2022	University “Magna Graecia” of Catanzaro, PhD Program in Biomarkers of Chronic and Complex Diseases	Role of the gut in the cardio-metabolic diseases Course (2 CFU)
2019-to present	University “Magna Graecia” of Catanzaro	Internal Medicine Lectures in Recidency School in Internal Medicine, Geriatrics, Cardiology, and Nephrology.
2019-to present	University “Magna Graecia” of Catanzaro	Supervisor of MD students for experimental thesis (n=15)
2019-to present	University “Magna Graecia” of Catanzaro	Supervisor of students in Nursing Degree Course for thesis (n=11)
2019-to present	University “Magna Graecia” of Catanzaro	Supervisor of students in Physiotherapy Degree Course for thesis (n=4)
2021-2024	University “Magna Graecia” of Catanzaro	Supervisor of PhD fellow (Dr. Elvira Anna Carbone). Thesis: Understanding Food Addiction: psychopathological, metabolic, and genetic perspectives. PhD Program in Biomarkers of Chronic and Complex Diseases, XXXVI cycle
2020-2023	University “Magna Graecia” of Catanzaro	Co-supervisor of PhD fellow (Dr. Francesca De Vito). Thesis: Exploring the role of FXR signaling in maintaining ileal mucosa integrity in subjects with altered glucose tolerance. PhD Program in Biomarkers of Chronic and Complex Diseases, XXXV cycle

Part V - Society memberships, Awards and Honors

Society memberships

Member of Italian Society of Internal Medicine (SIMI) since 2010

Member of Italian Society of Diabetology (SID) since 2011

Member of European Association for the Study of Diabetes (EASD) since 2018

Awards and Honors

Year	Title
2010	Award for the best oral presentation at National Meeting of Italian Cardiovascular Prevention Society (SIPREC) titled "Role of ER stress in endothelial damage induced by hyperglycemia".
2013	Grant to attend DZD Diabetes Research School (5-6 nov 2013).
2015	Travel grant to attend Parma Diabete (29-30 ottobre 2015) meeting of Italian Society of Diabetology (SID)
2015	Travel grant to attend 11th EFIM/FDIME Seminar on Clinical Research, European Federation of Internal Medicine/Foundation for the Development of Internal Medicine in Europe.
2015	Mario Condorelli Award from Italian Internal Medicine Society for research in the field of diabetes
2016	"Umberto Di Mario" 2016 Award from Italian Society of Diabetology (SID) for the best paper in the field of diabetes published in 2015
2017	Galeno 2017 Award from Italian Society of Diabetology for a young investigator (under 35).
2023	Giuseppe Licata Award from Italian Society of Internal Medicine for a young researcher (under 40)

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2012	Mechanisms of action of exenatide/GLP-1 in animal models of insulin resistance and type 2 diabetes (PI)	Fondazione Diabete Ricerca Fo.Ri.SID	€ 10.000
2019	Intestinal FXR/FGF-19/tight-junctions axis in the pathogenesis of type 2 diabetes and prediabetes (PI)	EFSD/Lilly Young Investigator Award 2019 from European Foundation for the Study of Diabetes	€ 50.000
2020	Exploring the role of the interplay between intestinal SIRT1, FXR/FGF-19 and mucosal barrier integrity in type 2 diabetes and prediabetes (PI)	PROGETTI DI RICERCA SID – FO.RI.SID 2020	€ 20.000
2022	Investigating the interplay between intestinal ER stress and FXR/FGF-19/mucosal barrier integrity signaling in type 2 diabetes and cardiovascular disease (PI)	PROGETTI DI RICERCA RISERVATI A GIOVANI RICERCATORI from Italian Society of Internal Medicine	€ 25.000
2022	DNA Methylation changes mark the progression towards Type 2 diabetes (Co-PI)	Ministero della Salute, Bando Piano Nazionale di Ripresa e Resilienza 2022	€ 720.000
2022	Sviluppo di terapia genica e farmaci con tecnologia a RNA (I)	Ministero della Salute, Bando Piano Nazionale di Ripresa e Resilienza 2022	€ 320.036.606,03
2023	Exploring the role of SGLT-1 driven intestinal glucose absorption and altered intestinal mucosa integrity in the pathogenesis of non-alcoholic fatty liver disease (PI)	Ministero dell'Università e della Ricerca, bando PRIN 2022	€ 188.000
2023	Progression of kidney injury according	Ministero dell'Università e	€ 197.747

	to urinary biomarkers in type 2 diabetes subjects with non-albuminuric nephropathy (Co-PI)	della Ricerca, bando PRIN 2022 PNRR	
2024	Non-invasive blood tests for the diagnosis and therapeutic monitoring of non-alcoholic steato-hepatitis (I)	Ministero della Salute, Bando Piano Nazionale di Ripresa e Resilienza 2023	€ 950.000

Part VII – Research Activities

Keywords

Early post-load hyperglycemia
Obesity
Type 2 diabetes
Prediabetes
Fatty liver disease
Glucotoxicity
Intestinal mucosa dysfunction
Intestinal glucose transporters
Cardiovascular disease
Insulin signalling
ER stress
Mitochondrial dysfunction
GLP-1 receptor

Brief Description

Clinical studies aimed to understand the pathophysiology of cardio-metabolic disorders including type 2 diabetes, fatty liver disease, and cardiovascular diseases, and identify novel biomarkers of an increased cardio-metabolic risk.
Clinical studies exploring the association between increased levels of plasma glucose at 1 hour during an oral glucose tolerance test and a worse metabolic profile, an increased risk of future type 2 diabetes, fatty liver disease and fibrosis, and cardiovascular disease (Collaboration with Proff. M Bergman, MA Marini, M Manco, A Ceriello, M Abdul-Ghani, RA DeFronzo).
Experimental studies investigating the mechanisms implicated in the glucose-induced endothelial dysfunction and hepatic damage. In particular, Dr. Fiorentino investigated the role of activation of endoplasmic reticulum (ER) stress related responses upon exposure of high glucose concentrations on functional and structural endothelial integrity and the positive effect of sirtuin pathway on activation on ER stress and vascular damage induced by hyperglycemia. Moreover Dr. Fiorentino explored the dangerous effects of hyperglycemia on ER homeostasis and intracellular lipid content in hepatic cells.
Preclinical studies exploring the effects of GLP-1 receptor agonism on exocrine and endocrine pancreas, and insulin signalling in non-human (baboons) primates (Collaboration with Proff. F Folli, RA DeFronzo, S. La Rosa, C. Perego) and on immune responses (alloimmunity and anti-tumoral immunity) in mice (Collaboration with Proff. P Fiorina, F. Folli)
Translational research activity aimed to understand the link between hyperglycemia, skeletal muscle insulin resistance, mitochondrial dysfunction and inflammation. Dr Fiorentino explored the positive effect of plasma glucose reduction induced by dapagliflozin treatment on skeletal muscle insulin sensitivity and glucagon secretion in patients with type 2 diabetes. Moreover, by performing mitochondrial proteomic studies she identify several aberrations in mitochondrial protein expression profile associated with type 2 diabetes. She also investigated the positive effects of pioglitazone treatment on skeletal muscle insulin sensitivity, mitochondrial protein profile and inflammation (Collaboration with Prof. F Folli, RA DeFronzo, M Abdul-Ghani).
Translational research studies exploring the role of the gut in the pathogenesis of cardio-metabolic disorders including obesity, type 2 diabetes, and cardiovascular disease. In particular, Dr Fiorentino has

investigated the association between increased levels of the glucose transporters in the duodenal mucosa and obesity and its related disorders including type 2 diabetes, prediabetes and fatty liver disease. She has also explored the role of the gut hormone Neurotensin as a biomarker of an increased risk of fatty liver disease and cardiovascular damage. In the last years she has investigated the link between type 2 diabetes and a down-regulation of intestinal FXR/FGF-19 pathway and a compromised barrier function. (Collaboration with Prof. F. Luzzza, G. Donato)

Part VIII – Summary of Scientific Achievements

Researcher Identifiers:

ORCID ID: 0000-0001-9485-8793

Scopus Author Id: 55407772400

Product type	Number	Data Base	Start	End
Papers [international]	117	Scopus	2012	2024
Papers [national]				
Books [scientific]				
Books [teaching]				

Total Impact factor	605.7
Avarage Impact Factor#	5.51
Total Citations (Scopus)	3457
Average Citations per Product	29.55
Hirsch (H) index (Scopus)	27

110 papers published on peer-review journal with IF

Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication title, authors, reference data, journal Impact Factor (*WOS/Bioxbio, at the time of publication*), and citations (*Scopus, on 15th October 2024*) are provided.

1. Ben Nasr, M., Usuelli, V., Dellepiane, S., Seelam, A.J., **Fiorentino, T.V.**, D'Addio, F., Fiorina, E., Xu, C., Xie, Y., Balasubramanian, H.B., Castillo-Leon, E., Loreggian, L., Maestroni, A., Assi, E., Loretelli, C., Abdelsalam, A., El Essawy, B., Uccella, S., Pastore, I., Lunati, M.E., Sabiu, G., Petrazzuolo, A., Ducci, G., Sacco, E., Centofanti, L., Venturini, M., Mazzucchelli, S., Mattinzoli, D., Ikehata, M., Castellano, G., Visner, G., Kaifeng, L., Lee, K.M., Wang, Z., Corradi, D., La Rosa, S., Danese, S., Yang, J., Markmann, J.F., Zuccotti, G.V., Abdi, R., Folli, F., Fiorina, P. Glucagon-like peptide 1 receptor is a T cell-negative costimulatory molecule. *Cell Metabolism* 2024, 36 (6), pp. 1302-1319.e12.
Citations: 6. Impact Factor: 27.7
2. De Vito, F., Suraci, E., Marasco, R., Luzzza, F., Andreozzi, F., Sesti, G., **Fiorentino, T.V.** Association between higher duodenal levels of the fructose carrier glucose transporter-5 and

nonalcoholic fatty liver disease and liver fibrosis. *Journal of Internal Medicine* 2024, 295 (2), pp. 171-180. # *Corresponding Author*.

Citations: 2. Impact Factor: 9

3. De Vito, F., Cassano, V., Mancuso, E., Succurro, E., Hribal, M.L., Sciacqua, A., Andreozzi, F., Sesti, G., **Fiorentino, T.V.** Higher circulating levels of proneurotensin are associated with increased risk of incident NAFLD. *Journal of Internal Medicine* 2023, 294 (3), pp. 336-346.
Citations: 4 times. Impact Factor: 9
4. **Fiorentino, T.V.**, De Vito, F., Suraci, E., Marasco, R., Hribal, M.L., Luzzza, F., Sesti, G. Obesity and overweight are linked to increased sodium-glucose cotransporter 1 and glucose transporter 5 levels in duodenum. *Obesity* 2023, 31 (3), pp. 724-731.
Citations: 7. Impact Factor: 4.2
5. **Fiorentino, T.V.**#, De Vito, F., Suraci, E., Marasco, R., Catalano, F., Andreozzi, F., Hribal, M.L., Luzzza, F., Sesti, G. Augmented duodenal levels of sodium/glucose co-transporter 1 are associated with higher risk of nonalcoholic fatty liver disease and noninvasive index of liver fibrosis. *Diabetes Research and Clinical Practice* 2022, 185: 109789. # *Corresponding Author*.
Citations: 6. Impact Factor: 6.1
6. **Fiorentino, T.V.**#, Miceli, S., Succurro, E., Sciacqua, A., Andreozzi, F., Sesti, G. Nonalcoholic fatty liver disease is associated with a decreased myocardial mechano-energetic efficiency. *Journal of Internal Medicine* 2021, 289 (2), pp. 221-231. # *Corresponding Author*.
Citations: 10. Impact Factor: 13.07
7. **Fiorentino, T.V.**, Monroy, A., Kamath, S., Sotero, R., Cas, M.D., Daniele, G., Chavez, A.O., Abdul-Ghani, M., Hribal, M.L., Sesti, G., Tripathy, D., DeFronzo, R.A., Folli, F. Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes. *Metabolism: Clinical and Experimental* 2021, 114: 154416.
Citations: 27. Impact Factor: 13.93
8. **Fiorentino, T.V.**, Casiraghi, F., Davalli, A.M., Finzi, G., Rosa, S.L., Higgins, P.B., Abrahamian, G.A., Marando, A., Sessa, F., Perego, C., Guardado-Mendoza, R., Kamath, S., Ricotti, A., Fiorina, P., Daniele, G., Paez, A.M., Andreozzi, F., Bastarrachea, R.A., Comuzzie, A.G., Gastaldelli, A., Chavez, A.O., Di Cairano, E.S., Frost, P., Luzi, L., Dick, E.J., Halff, G.A., DeFronzo, R.A., Folli, F. Exenatide regulates pancreatic islet integrity and insulin sensitivity in the nonhuman primate baboon *Papio hamadryas*. *JCI Insight* 2019, 4 (20), e93091.
Citations: 19. Impact Factor: 6.3
9. **Fiorentino, T.V.**, Suraci, E., Arcidiacono, G.P., Cimellaro, A., Mignogna, C., Presta, I., Andreozzi, F., Hribal, M.L., Perticone, F., Donato, G., Luzzza, F., Sesti, G. Duodenal sodium/glucose cotransporter 1 expression under fasting conditions is associated with postload hyperglycemia. *Journal of Clinical Endocrinology and Metabolism* 2017, 102 (11), pp. 3979-3989.
Citations: 37. Impact Factor: 5.79
10. **Fiorentino, T.V.**, Marini, M.A., Andreozzi, F., Arturi, F., Succurro, E., Perticone, M., Sciacqua, A., Hribal, M.L., Perticone, F., Sesti, G. One-hour postload hyperglycemia is a stronger predictor of type 2 diabetes than impaired fasting glucose. *Journal of Clinical Endocrinology and Metabolism* 2015, 100 (10), pp. 3744-3751.
Citations: 107. Impact Factor: 5.53
11. **Fiorentino, T.V.**, Procopio, T., Mancuso, E., Arcidiacono, G.P., Andreozzi, F., Arturi, F., Sciacqua, A., Perticone, F., Hribal, M.L., Sesti, G. SRT1720 counteracts glucosamine-induced endoplasmic reticulum stress and endothelial dysfunction. *Cardiovascular Research* 2015, 107 (2), pp. 295-306.
Citations 28. Impact Factor: 5.47

12. Merovci, A., Solis-Herrera, C., Daniele, G., Eldor, R., **Fiorentino, T.V.**, Tripathy, D., Xiong, J., Perez, Z., Norton, L., Abdul-Ghani, M.A., DeFronzo, R.A. Dapagliflozin improves muscle insulin sensitivity but enhances endogenous glucose production. *Journal of Clinical Investigation* 2014, 124 (2), pp. 509-514.
Citations: 669. Impact Factor: 13.21

Total Publications in peer review journals

Source: Scopus except Impact Factor (at the time of publication, source: WOS/Bioxbio)

1. Monea, G., Jiritano, R., Salerno, L., Rubino, M., Massimino, M., Perticone, M., Mannino, G.C., Sciacqua, A., Succurro, E., **Fiorentino, T.V.#**, Andreozzi, F. Compromised cardiac autonomic function in non-diabetic subjects with 1 h post-load hyperglycemia: a cross-sectional study. *Cardiovascular Diabetology* 2024, 23 (1): 295. # *Corresponding Author*.
Citations: 0. Impact Factor: 8.5
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